

# TRANSMITTAL FORM

Application Serial Number	10/759,374
Filing Date	January 16, 2004
First Named Inventor	Hafeman
Group Art Unit	1651
Examiner Name	Not yet assigned
Attorney Docket No.	THI-003
Patent No.	Not yet assigned
Issue Date	Not yet assigned

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences
<input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]	<input type="checkbox"/> Formal Drawing(s)	<input type="checkbox"/> Appeal Brief (in triplicate)
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal	<input type="checkbox"/> Status Inquiry
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of SIDS Citations (B13 - B23)	<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application	<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8
	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/> Additional Enclosure(s) (please identify below)
	<input type="checkbox"/> CD(s) for large table or computer program	
	<input type="checkbox"/> Amendment After Allowance	
	<input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	

## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
Goodwin Procter LLP  
Exchange Place  
Boston, MA 02109  
Tel. No.: (617) 570-1000  
Fax No.: (617) 523-1231  
Customer No. 051414

## SIGNATURE BLOCK

Respectfully submitted,  
  
Date: June 6, 2005  
Reg. No. 44,381  
Tel. No.: (617) 570-1806  
Fax No.: (617) 523-1231  
  
Natasha C. Us  
Attorney for Applicant(s)  
Goodwin Procter LLP  
Exchange Place  
Boston, MA 02109



PATENT  
Attorney Docket No. THI-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Hafeman  
SERIAL NO.: 10/759,374 GROUP NO.: 1651  
FILING DATE: January 16, 2004 EXAMINER: Not yet assigned  
TITLE: METHODS AND DEVICES FOR MONITORING CELLULAR  
METABOLISM IN MICROFLUIDIC CELL-RETAINING  
CHAMBERS

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 6<sup>th</sup> day of June, 2005.

  
Wendy L. Martin

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

1. Transmittal Form (1 page);
2. Supplemental Information Disclosure Statement (2 pages);
3. Form PTO-1449 (1 page);
4. Copies of cited references (B13 – B23); and
5. Return receipt postcard



PATENT  
Attorney Docket No. THI-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Hafeman  
SERIAL NO.: 10/759,374 GROUP NO.: 1651  
FILING DATE: January 16, 2004 EXAMINER: Not yet assigned  
TITLE: METHODS AND DEVICES FOR MONITORING CELLULAR  
METABOLISM IN MICROFLUIDIC CELL-RETAINING  
CHAMBERS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with the U.S. Patent Office's partial waiver of the requirement for provision of listed references under 37 C.F.R. 1.98(a)(2)(ii), only copies of the foreign patent documents are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**

- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.


Please note that reference B23 (EP 1416041) is an English language equivalent of reference B18 (WO 03/004596 A1).

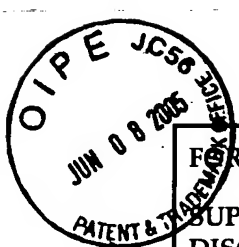
It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

Respectfully submitted,

Date: June 6, 2005  
Reg. No. 44,381

Tel. No.: (617) 570-1806  
Fax No.: (617) 523-1231

  
\_\_\_\_\_  
Natasha C. Us  
Attorney for the Applicant  
Goodwin Procter LLP  
Exchange Place  
Boston, Massachusetts 02109



FORM PTO - 1449

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: THI-003

APPLICANTS: Hafeman

SERIAL NO.: 10/759,374

FILING DATE: January 16, 2004

GROUP: 1651

## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A29	2003/0162285 A1	08/28/2003	Tajima			
	A30	2004/0107986	06/10/2004	Neilson et al.			
	A31	2004/0110301 A1	06/10/2004	Neilson et al.			
	A32	2005/0054028 A1	03/10/2005	Teich et al.			
	A33	4,065,357 A	12/27/1977	Groves et al.			
	A34	5,250,419 A	10/05/1993	Bernard et al.			
	A35	6,078,698	06/20/2000	Lorton et al.			
	A36	6,627,158 B1	09/30/2003	Peltier			

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B13	95/22406	08/23/1995	WO				Y	Y
	B14	98/15645 A	04/16/1998	WO				N	N
	B15	99/60630	11/25/1999	WO				N	Y
	B16	02/02736 A	01/10/2002	WO				N	Y (abstract only)
	B17	03/000557 A2	06/24/2002	WO				N	Y
	B18	03/004596 A1	01/16/2003	WO				N	Y (abstract only)
	B19	03/059518 A	07/24/2003	WO				N	N
	B20	40 16 617 A1	11/28/1991	DE				N	N
	B21	44 05 375 A1	08/24/1995	DE				N	N
	B22	2 792 333 A	10/20/2000	FR				N	N
	B23	1416041	05/05/2004	EP				N	Y

## OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
EXAMINER	DATE CONSIDERED